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|--|-------------------------|--|---|--|
| <b>Issue Classification</b><br> | Application/Control No. |  | Applicant(s)/Patent under Reexamination |  |
|  | 10/632,762              |  | HIRAO ET AL.                            |  |
|  | Examiner                |  | Art Unit                                |  |
|  | Karl J. Puttlitz        |  | 1621                                    |  |

| ISSUE CLASSIFICATION         |   |          |   |        |                    |                                   |     |  |  |  |
|------------------------------|---|----------|---|--------|--------------------|-----------------------------------|-----|--|--|--|
| ORIGINAL                     |   |          |   |        | CROSS REFERENCE(S) |                                   |     |  |  |  |
| CLASS                        |   | SUBCLASS |   |        | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |  |  |  |
| 562                          |   | 535      |   |        | 562                | 531                               | 598 |  |  |  |
| INTERNATIONAL CLASSIFICATION |   |          |   |        |                    |                                   |     |  |  |  |
| C                            | 0 | 7        | C | 51/235 |                    |                                   |     |  |  |  |
|                              |   |          |   | /      |                    |                                   |     |  |  |  |
|                              |   |          |   | /      |                    |                                   |     |  |  |  |
|                              |   |          |   | /      |                    |                                   |     |  |  |  |
|                              |   |          |   | /      |                    |                                   |     |  |  |  |

|  |  |   |  |                          |                       |
|--|--|---|--|--------------------------|-----------------------|
| Karl Puttlitz<br>(Assistant Examiner) (Date) |  | <br>Johann Richter<br>(Primary Examiner) 2/2/06 |  | Total Claims Allowed: 6  |                       |
| (Legal Instruments Examiner) (Date)          |  |   |  | O.G. Print Claim(s)<br>1 | O.G. Print Fig.<br>NA |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |  |       |          | <input type="checkbox"/> CPA |          |  |       |          | <input type="checkbox"/> T.D. |          |  |       |          | <input type="checkbox"/> R.1.47 |          |  |  |  |
|--|----------|--|-------|----------|------------------------------|----------|--|-------|----------|-------------------------------|----------|--|-------|----------|---------------------------------|----------|--|--|--|
| Final  | Original |  | Final | Original | Final                        | Original |  | Final | Original | Final                         | Original |  | Final | Original | Final                           | Original |  |  |  |
| 1  | 1        |  |       | 31       |                              | 61       |  |       | 91       |                               | 121      |  |       | 151      |                                 | 181      |  |  |  |
|  | 2        |  |       | 32       |                              | 62       |  |       | 92       |                               | 122      |  |       | 152      |                                 | 182      |  |  |  |
| 2  | 3        |  |       | 33       |                              | 63       |  |       | 93       |                               | 123      |  |       | 153      |                                 | 183      |  |  |  |
| 3  | 4        |  |       | 34       |                              | 64       |  |       | 94       |                               | 124      |  |       | 154      |                                 | 184      |  |  |  |
| 4  | 5        |  |       | 35       |                              | 65       |  |       | 95       |                               | 125      |  |       | 155      |                                 | 185      |  |  |  |
| 5  | 6        |  |       | 36       |                              | 66       |  |       | 96       |                               | 126      |  |       | 156      |                                 | 186      |  |  |  |
| 6  | 7        |  |       | 37       |                              | 67       |  |       | 97       |                               | 127      |  |       | 157      |                                 | 187      |  |  |  |
|  | 8        |  |       | 38       |                              | 68       |  |       | 98       |                               | 128      |  |       | 158      |                                 | 188      |  |  |  |
|  | 9        |  |       | 39       |                              | 69       |  |       | 99       |                               | 129      |  |       | 159      |                                 | 189      |  |  |  |
|  | 10       |  |       | 40       |                              | 70       |  |       | 100      |                               | 130      |  |       | 160      |                                 | 190      |  |  |  |
|  | 11       |  |       | 41       |                              | 71       |  |       | 101      |                               | 131      |  |       | 161      |                                 | 191      |  |  |  |
|  | 12       |  |       | 42       |                              | 72       |  |       | 102      |                               | 132      |  |       | 162      |                                 | 192      |  |  |  |
|  | 13       |  |       | 43       |                              | 73       |  |       | 103      |                               | 133      |  |       | 163      |                                 | 193      |  |  |  |
|  | 14       |  |       | 44       |                              | 74       |  |       | 104      |                               | 134      |  |       | 164      |                                 | 194      |  |  |  |
|  | 15       |  |       | 45       |                              | 75       |  |       | 105      |                               | 135      |  |       | 165      |                                 | 195      |  |  |  |
|  | 16       |  |       | 46       |                              | 76       |  |       | 106      |                               | 136      |  |       | 166      |                                 | 196      |  |  |  |
|  | 17       |  |       | 47       |                              | 77       |  |       | 107      |                               | 137      |  |       | 167      |                                 | 197      |  |  |  |
|  | 18       |  |       | 48       |                              | 78       |  |       | 108      |                               | 138      |  |       | 168      |                                 | 198      |  |  |  |
|  | 19       |  |       | 49       |                              | 79       |  |       | 109      |                               | 139      |  |       | 169      |                                 | 199      |  |  |  |
|  | 20       |  |       | 50       |                              | 80       |  |       | 110      |                               | 140      |  |       | 170      |                                 | 200      |  |  |  |
|  | 21       |  |       | 51       |                              | 81       |  |       | 111      |                               | 141      |  |       | 171      |                                 | 201      |  |  |  |
|  | 22       |  |       | 52       |                              | 82       |  |       | 112      |                               | 142      |  |       | 172      |                                 | 202      |  |  |  |
|  | 23       |  |       | 53       |                              | 83       |  |       | 113      |                               | 143      |  |       | 173      |                                 | 203      |  |  |  |
|  | 24       |  |       | 54       |                              | 84       |  |       | 114      |                               | 144      |  |       | 174      |                                 | 204      |  |  |  |
|  | 25       |  |       | 55       |                              | 85       |  |       | 115      |                               | 145      |  |       | 175      |                                 | 205      |  |  |  |
|  | 26       |  |       | 56       |                              | 86       |  |       | 116      |                               | 146      |  |       | 176      |                                 | 206      |  |  |  |
|  | 27       |  |       | 57       |                              | 87       |  |       | 117      |                               | 147      |  |       | 177      |                                 | 207      |  |  |  |
|  | 28       |  |       | 58       |                              | 88       |  |       | 118      |                               | 148      |  |       | 178      |                                 | 208      |  |  |  |
|  | 29       |  |       | 59       |                              | 89       |  |       | 119      |                               | 149      |  |       | 179      |                                 | 209      |  |  |  |
|  | 30       |  |       | 60       |                              | 90       |  |       | 120      |                               | 150      |  |       | 180      |                                 | 210      |  |  |  |